



## Contents of volume 101

### Number 1

#### Regular articles

EDWARD KAKO (USA)

Thematic role properties of subjects and objects, 1–42

MICHAEL SNODGRASS and HOWARD SHEVRIN (*University of Michigan*)

Unconscious inhibition and facilitation at the objective detection threshold: Replicable and qualitatively different unconscious perceptual effects, 43–79

BRADLEY W. VINES (*McGill University*), CAROL L. KRUMHANSL (*Cornell University*), MARCELO M. WANDERLEY and DANIEL J. LEVITIN (*McGill University*)

Cross-modal interactions in the perception of musical performance, 80–113

NOAM SAGIV (*University College London*), JULIA SIMNER (*University of Edinburgh*), JAMES COLLINS, BRIAN BUTTERWORTH and JAMIE WARD (*University College London*)

What is the relationship between synaesthesia and visuo-spatial number forms?, 114–128

TIM P. GERMAN and JESSICA A. HEHMAN (*University of California*)

Representational and executive selection resources in 'theory of mind': Evidence from compromised belief-desire reasoning in old age, 129–152

MARKO NARDINI (*University College London, Oxford University*), NEIL BURGESS, KATE BRECKENRIDGE and JANETTE ATKINSON (*University College London*)

Differential developmental trajectories for egocentric, environmental and intrinsic frames of reference in spatial memory, 153–172

JULIE FRANCK (*University of Geneva*), GLENDA LASSI (*University of Siena*),

ULRICH H. FRAUENFELDER (*University of Geneva*) and LUIGI RIZZI (*University of Geneva, University of Siena*)

Agreement and movement: A syntactic analysis of attraction, 173–216

C.S. GREEN and D. BAVELIER (*University of Rochester*)

Enumeration versus multiple object tracking: the case of action video game players, 217–245

**Brief articles**

REBECCA SAXE, TANIA TZELNIC and SUSAN CAREY (USA)

Five-month-old infants know humans are solid, like inanimate objects, B1-B8

DEENA SKOLNICK and PAUL BLOOM (*Yale University*)

What does Batman think about SpongeBob? Children's understanding of the fantasy/fantasy distinction, B9-B18

CYNTHIA FISHER, STACY L. KLINGLER and HYUN-JOO SONG (*University of Illinois*)

What does syntax say about space? 2-year-olds use sentence structure to learn new prepositions, B19-B29

**Number 2****Regular articles**

FRANCK RAMUS (*LSCP*)

Genes, brain, and cognition: A roadmap for the cognitive scientist, 247-269

SIMON E. FISHER (*Wellcome Trust*)

Tangled webs: Tracing the connections between genes and cognition, 270-297

EVAN BALABAN (*McGill University*)

Cognitive developmental biology: History, process and fortune's wheel, 298-332

KARIN STROMSWOLD (*Rutgers University*)

Why aren't identical twins linguistically identical? Genetic, prenatal and postnatal factors, 333-384

BRUCE F. PENNINGTON (*University of Denver*)

From single to multiple deficit models of developmental disorders, 385-413

R.J.R. BLAIR (*NIH*)

The emergence of psychopathy: Implications for the neuropsychological approach to developmental disorders, 414-442

GARY F. MARCUS (*New York University*)

Cognitive architecture and descent with modification, 443-465

**Number 3****Regular articles**

SHLOMI SHER and CRAIG R. M. MCKENZIE (*University of California, San Diego*)

Information leakage from logically equivalent frames, 467-494

BRIAN HARE (*Harvard University, Max-Planck Institute*), JOSEP CALL and MICHAEL TOMASELLO (*Max-Planck Institute*)

Chimpanzees deceive a human competitor by hiding, 495-514

ASIF A. GHAZANFAR, KRISTINA NIELSEN and NIKOS K. LOGOTHETIS (*Max-Planck Institute*)

Eye movements of monkey observers viewing vocalizing conspecifics, 515-529

- ELAN BARENHOLTZ (*Brown University*) and JACOB FELDMAN (*Rutgers University*)  
Determination of visual figure and ground in dynamically deforming shapes, 530–544

**Brief articles**

- SHARON PEPERKAMP (*LSCP, Université de Paris 8*), ROZENN LE CALVEZ (*LSCP, Université de Paris 6*), JEAN-PIERRE NADAL (*LPS*) and EMMANUEL DUPOUX (*LSCP*)  
The acquisition of allophonic rules: Statistical learning with linguistic constraints, B31–B41
- SANAE OKAMOTO-BARTH (*Nagoya University, Maastricht University*) and NOBUYUKI KAWAI (*Nagoya University*)  
The role of attention in the facilitation effect and another “inhibition of return”, B42–B50
- LANCE J. RIPS, JENNIFER ASMUTH (*Northwestern University*) and AMBER BLOOMFIELD (*University of Texas*)  
Giving the boot to the bootstrap: How not to learn the natural numbers, B51–B60